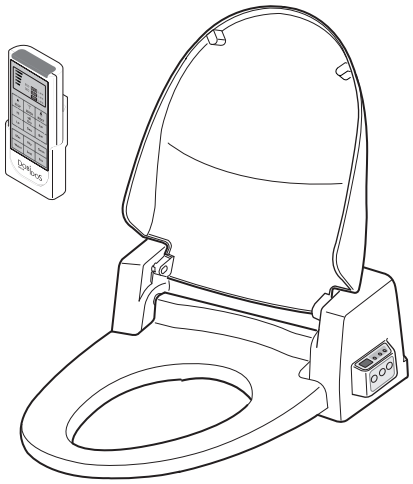
DAELIM TRADING CO., LTD.
www.dobidos.co.kr

Warranty Included

DOBIDOS
DAELIM
DB-2100



Make sure to follow the installation instructions as well as the manual.

We recommend that you take good care of the product, as we may not be responsible for accidents cause from inadequate uses.

Please keep this manual in a proper place, as the manual includes the Warranty.

DOBIDOS
DAELIM

Installation and User Manual

- Thank you for purchasing the DOBIDOS BIDET made by Daelim.
  Please read through the manual for appropriate use of the product.
- After you read through the manual,
  keep it in a proper place for the users.

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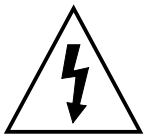
WARNING :

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. DO NOT INSERT ANY METALLIC OBJECT THROUGH VENTILATION GRILLS.

CAUTION :

Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to a person.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

IMPORTANT SAFEGUARDS

READ ALL INSTRUCTIONS BEFORE USING

DANGER

To reduce the risk of electrocution:

1) Always unplug this product immediately after using.
2) Do not use while bathing.
3) Do not place or store product where it can fall or be pulled into a tub or sink.
4) Do not place in or drop into water or other liquids.
5) Do not reach for a product that has fallen into water. Unplug immediately and discard the product.

WARNING

To reduce the risk of burns, electrocution, fire, or injury to people.

1) Close supervision is necessary when this product is used by, on, or near children or handicapped.
2) Use this product only for its intended use as described in this manual.
   Do not use attachments not recommended by the manufacturer.
3) Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.
   Return the product to a service center for examination and repair.
4) Keep the cord away from heated surfaces.
5) Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked.
   Keep the air openings free of lint, hair, and the like.
6) Never use while sleeping or drowsy.
7) Never drop or insert any object into any opening or hose.
8) Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
9) Unplug this product before filling. Fill (reservoir) with water only unless otherwise specified by manufacturer.
   Do not overfill (or specify filling instructions)

SAVE THESE INSTRUCTIONS

USER INSTRUCTION

1) Instruction and caution statements for cleaning, user maintenance, operations recommended by the manufacturer, such as lubrication or nonlubrication, and a warning to the user that any other servicing should be performed by authorized service representative or that the product has no user serviceable parts. The manual or other literature packaged with product shall also indicate the product is for household use.

2) In the case of a product intended to be used with water, additives, conditioners, or other solutions with or without water, or a product that relies on the conductivity of water for normal operation (electrode type product), and for which the use of baking soda, salt, or other substances to improve the conductivity of the water is stipulated, specific instructions on the proper liquid or additive to use and the exact amount to be used in conjunction with the product.

GROUNDING INSTRUCTION

1) This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electric shock by providing an escape wire for the electric current. This product is equipped with a cord having a grounding wire with a grounding plug.
The plug must be plugged into an outlet that is properly installed and grounded.

Danger - Improper use of the grounding plug can result in a risk of electric shock.

If repair or replacement of the cord or plug is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green with or without yellow stripes is the grounding wire.

Check with a qualified electrician or serviceman if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

2) This product is for use on a nominal 120 V circuit, and has a grounding plug that looks like the plug illustrated in sketch A in Figure 1. A temporary adapter, which looks like the adapter illustrated in sketches B and C, may be used to connect this plug to a 2-pole receptacle as shown in sketch B if a properly grounded outlet is not available.
The temporary adapter should be used only until a properly grounded outlet (sketch A) can be installed by a qualified electrician. The green colored rigid ear, lug, and the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by the screw.

3) If it is necessary to use and extension cord, use only a three wire extension cord that has a three-blade grounding plug, and a three-slot receptacle that will accept the plug on the product. Replace or repair a damaged cord.

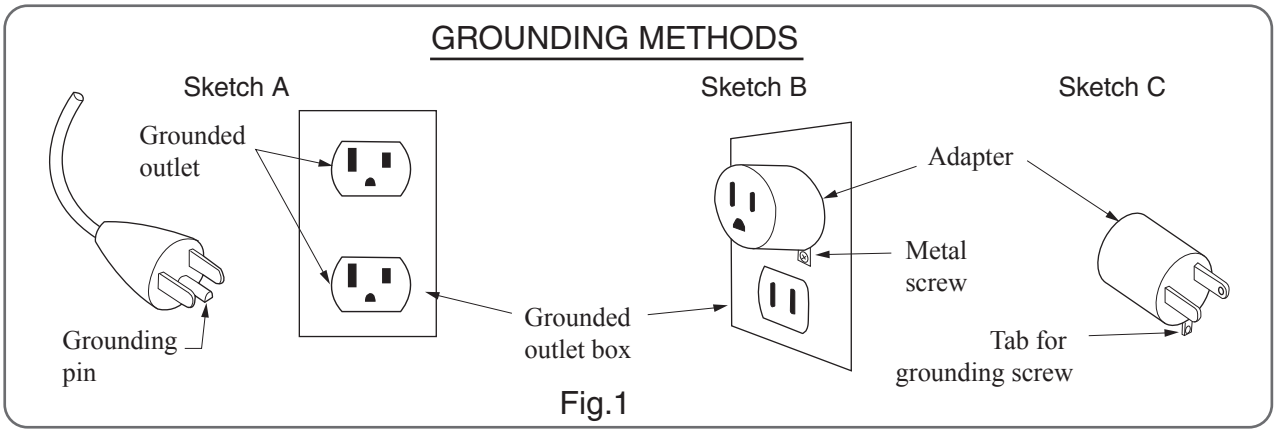


Fig.1

FCC COMPLIANCE STATEMENT

INFORMATION TO THE USER : THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS B DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE IN A RESIDENTIAL INSTALLATION. THIS EQUIPMENT GENERATES, USES AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORADANCE WITH THE INSTRUCTIONS MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS. HOWEVER, THERE IS NO GUARANTEE THAT INTERFERENCE WILL NOT OCCUR IN A PARTICULAR INSTALLATION. IF THIS EQUIPMENT DOES CAUSE HARMFUL INTERFERENCE TO RADIO OR TELEVISION RECEPTION, WHICH CAN BE DETERMINED BY TURNING THE EQUIPMENT OFF AND ON, THE USER IS ENCOURAGED TO TRY TO CORRECT THE INTERFERENCE BY ONE OR MORE OF THE FOLLOWING MEASURES :

-REORIENT OR RELOCATE THE RECEIVING ANTENNA
-INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND RECEIVER
-CONNECT THE EQUIPMENT INTO AN OUTLET ON A CIRCUIT DIFFERENT FORM THAT TO WHICH THE RECEIVER IS CONNECTED
-CONSULT THE DEALER OR AN EXPERIENCED RADIO/TV TECHNICIAN FOR HELP

CAUTION : CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.

CET APPAREIL NUMERIQUE DE LA CLASSE B RESPECTE TOUTES LES EXIGENCES DU RéGLEMENT SUR LE MATERIEL BROUILLER DU CANADA.

1 Cautions for Safety

Please adhere to the cautions accordingly for safety

Use the product correctly, after you read through the cautions for safety. Always abide by the cautions shown below, as they are important points related to safety.

- The marks and their meanings are shown below.

Warning	If this mark is ignored and the product is wrongfully used, a serious injury or death of the user may occur.
Caution	If this mark is ignored and the product is wrongfully used, an injury or property damage of the user may occur.

- The contents, which you are requested to follow, are classified with illustrated mark and explained as below.

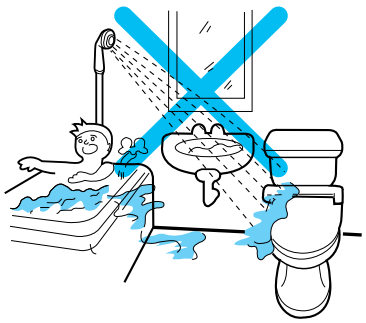
Example of illustrated mark Description	Example of illustrated mark Description
Disassembly Prohibited	Indicated 'prohibition mark'. The figure shown to the left signifies 'Disassembly prohibited'
Compulsory Instruction	Indicated 'compulsory mark'. The figure shown to the left signifies 'Compulsory instruction'

Warning

Do not install in a damp place.

- This may cause a fire or an electric shock.

Water Splash Prohibited



Warning

For protection against low temperature burn

- **When the following person uses the warm seat or warm air dry, please make sure to configure the seat temperature to "room temperature" and drying air temperature to "low."**

Compulsory Instruction

- Children, elderly or others, who are unable to adjust the temperature by themselves
- Patients, physically disabled persons or others, who cannot freely move themselves
- People who took medicines that cause sleep (sleeping pills, cold tablets, etc.), people who had excessive drinks, tired people or others who may fall asleep.

- **When sitting on the seat for a long time, set the seat temperature to 'room temperature' before use.**

※ **About Low Temperature Burns .....**

A burn occurs when the skin has been exposed to high temperatures. However, a low temperature burn may occur when the skin has been in contact with an object at relatively low temperature (about 104˚F [40˚C]) for an extended period of time.

Check if the type-3 ground construction is implemented to the ground line.

- If the ground construction is not implemented, it may cause a breakdown or power leakage, followed by an electric shock. For the ground construction, contact the nearest electronic shop.

Earth Grounding

Remove dust and others from the power plug, and insert the power plug completely into the outlet.

- Pull out the power plug and clean it with a dry cloth.

In case of exchanging the power cord, follow:

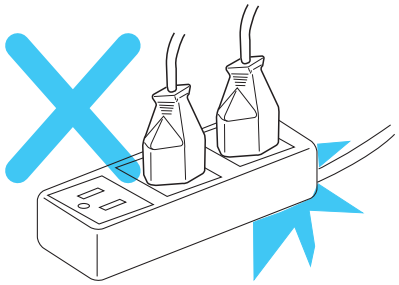
- If the power cord is damaged, contact the retail shop where you purchased the product, or the customer service center of the neighboring area.
- Only the manufacturer's sales agent and authorized technicians should replace the power cord.

Compulsory Instruction

Only use on AC120V, 60Hz. Never put too many loads on one electrical outlet.

● This may cause overheating or a fire.

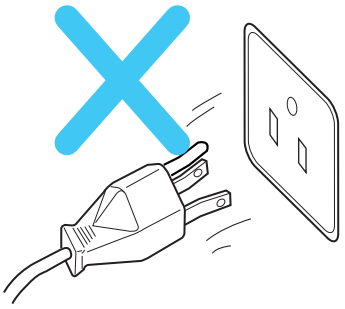
Prohibited



Do not use loose outlets.

● This may cause a fire or an electric shock.

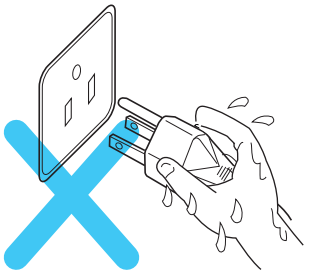
Prohibited



Do not use wet hands to insert /remove the power plug.

● This may cause an electric shock.

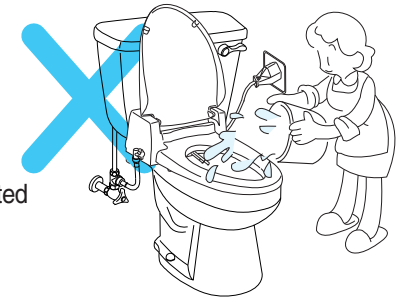
Wet Hands Prohibited



Make sure not to wet the power plug with water, detergent or urine.

● This may cause a fire or an electric shock.

Watering Prohibited



Do not handle the power plug/power cord roughly.

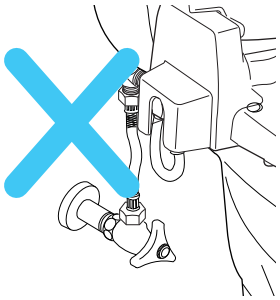
● This may cause a fire or an electric shock.

Prohibited

Make sure not to use industrial water for water supply.

● This may cause contamination to the skin.

Prohibited



Do not disassemble, repair, and remodel the product.

● This may cause a fire or an electric shock.

Disassembling Prohibited

Pull out the power plug when cleaning the product.

● This may cause an electric shock.

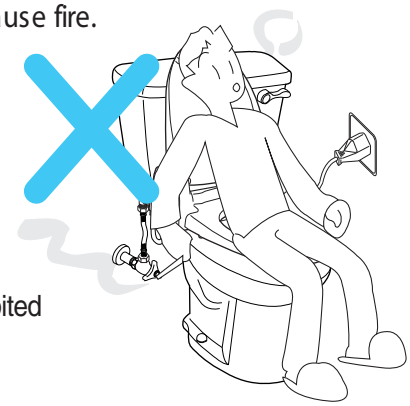
Always Pull Out the Plug

Warning

Do not place a stove or a cigarette close to the product.

- This may cause fire.

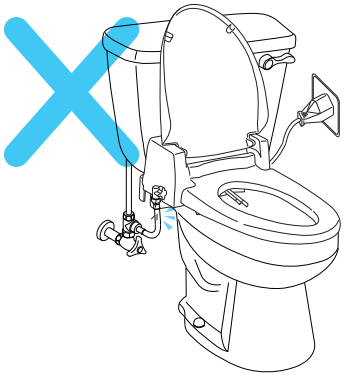
Inflammable Products Prohibited



Do not bend or distort the hose line.

- This may cause water leakage.

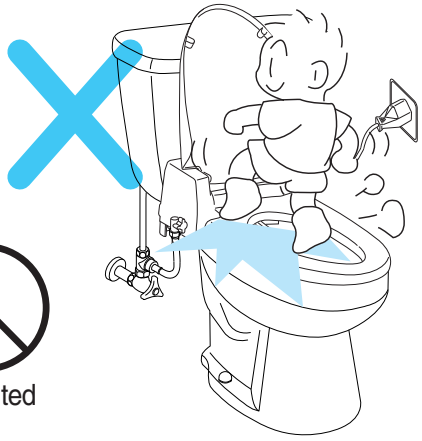
Prohibited



Do not leave a heavy item on top of the seat, or the seat cover.

- This may cause injury due to dilapidation of product.

Prohibited

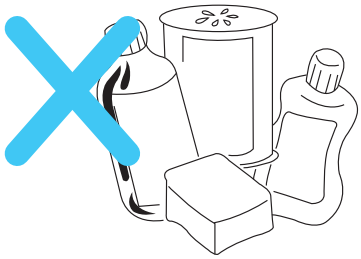


When cleaning the product use diluted kitchen detergent. Do not use the following

[detergent, benzene, paint thinner, cleaning power, nylon scrubbing brush, etc.]

- This may break the product, and cause injury due to the dilapidated plastic.

Prohibited



Do not insert fingers or others inside the warm air outlet.

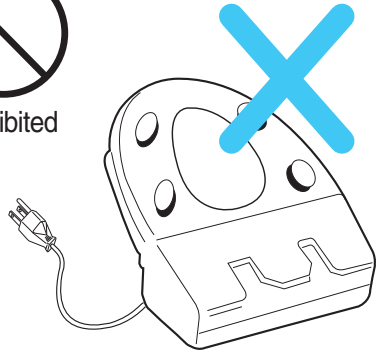
- This may cause a burn or an electric shock.

Prohibited

Do not turn over the product upside down.

- This may cause the product to damage.

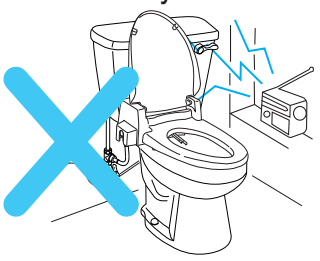
Prohibited



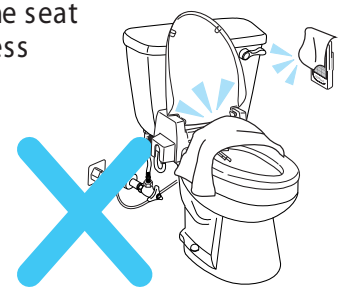
2 Cautions for Usage Follow the next instructions

Do not expose the product to direct sunlight.
- This may cause discoloration, make the temperature of the warm seat uneven, and result in malfunction of the wireless controller.

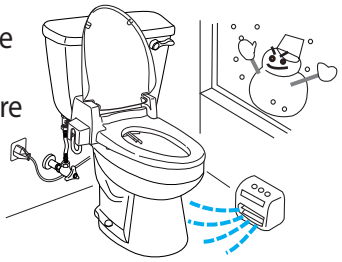
Use products such as radios away from the product.
- This may cause interference to the radio.



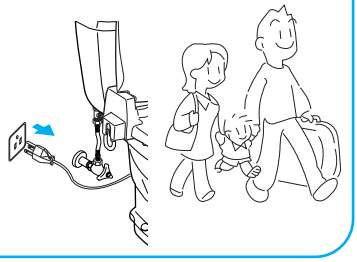
Do not cover up the reception/transmission window of the wireless controller.
- This may disable the seat sensor or the wireless controller.



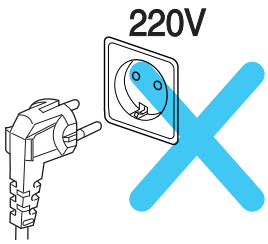
The temperature of the washroom should be above the freezing point.
- This may freeze the product. Warm up the washroom with other ways of heating before using the product.



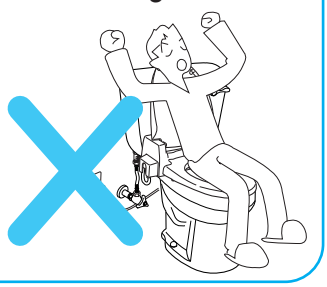
Drain existing water and pull out the power plug when not used for a long time.
- This may cause the water contamination and skin inflammation.



Do not use on a direct current or AC220V.
- This may cause a fire, short circuit failure or damage.

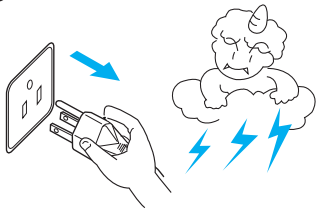


Do not lean against the cover during use.
- This may break/crack the seat cover.



Do not drop the wireless controller on the floor or into the toilet.
- This may cause a failure of the unit.

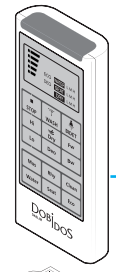
Pull out the power plug when thunder/ lightning occur.
- This may cause failure or damage of the unit.



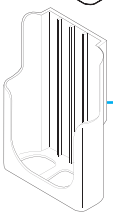
Do not urinate on the nozzle.
- This may cause failure or damage.

3 Names of Parts

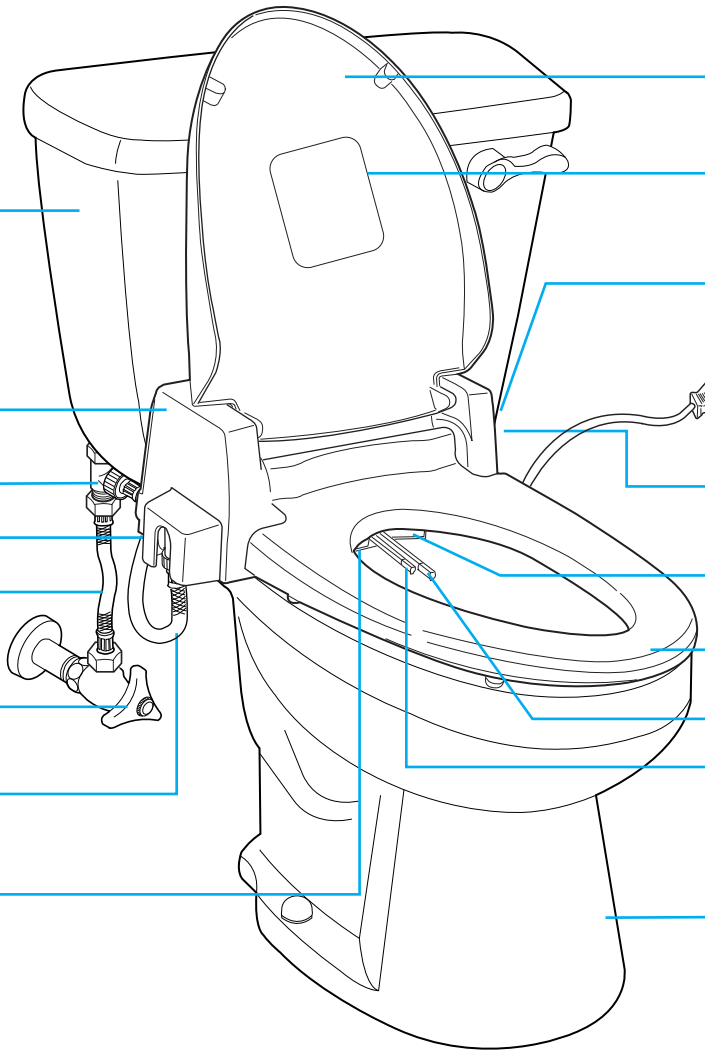
Main Unit



Wireless Controller



Wireless Controller Hanger



Seat Cover

Label

Toilet Water Tank
(not part of Bidet)

Main Unit Display
(See Page 12)

Power Cord

Main Unit

T-Shaped Connector

Main Unit Controller
(See Page 12)

Side Cover

Dryer

Water Pipe
(not part of Bidet)

Seat

Water Valve
(not part of Bidet)

Nozzle (for bidet)

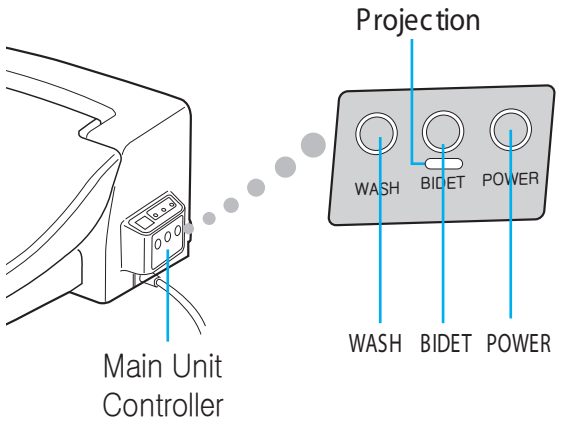
Nozzle (for wash)

Water Hose

Drain Plug

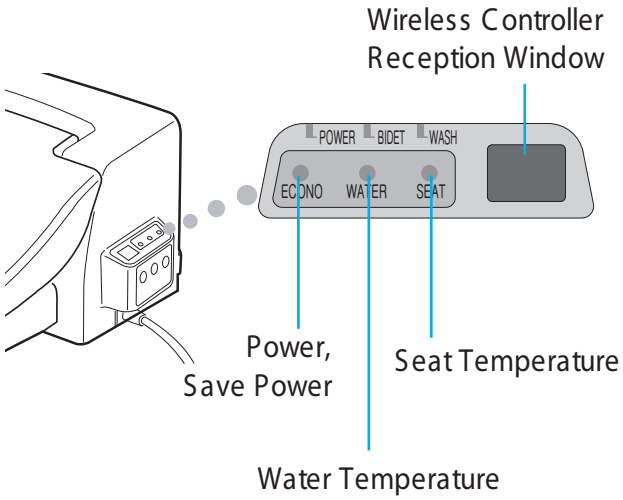
Toilet Bowl
(not part of Bidet)

Main Unit Control

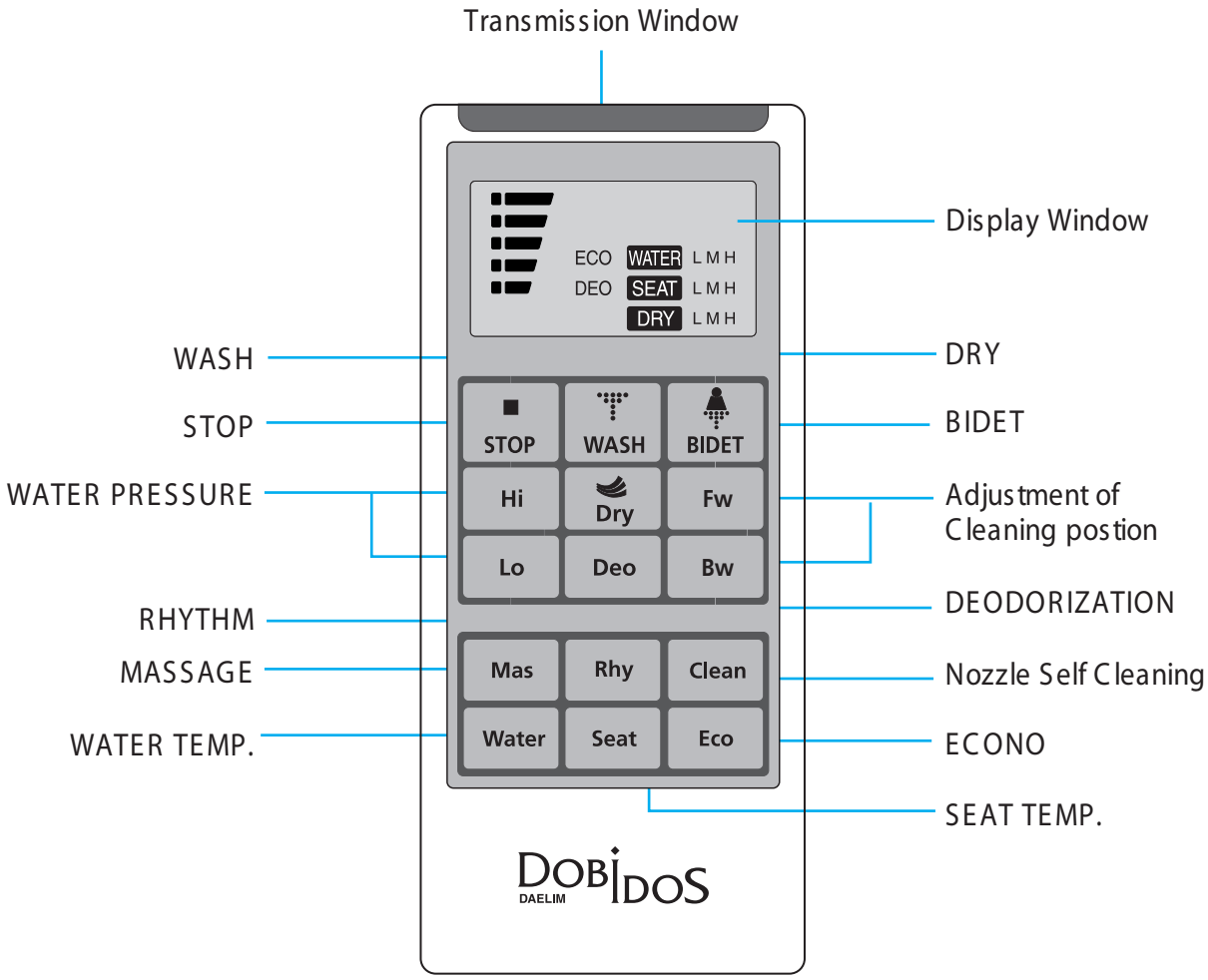


- A projection is below the BIDET button so that you can identify the buttons without looking at the main unit controller on the side of the main unit.

Main Unit Display



Wireless Controller



4 Preparation and Check

After installing the unit on the toilet bowl, check the followings before you use the unit for the first time.

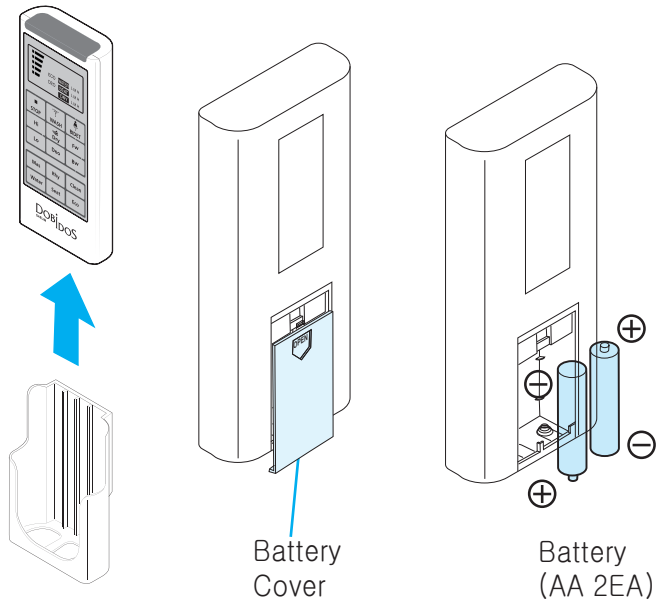
Preparation

1. Insert batteries in the wireless controller

1. Take the wireless controller out from the hanger.
2. Open the cover of the battery compartment on the back of wireless controller..
3. Insert two AA-sized batteries by matching the polarities to the diagram inside the battery component.
4. Close the cover of the battery compartment.

- Do not mix a used battery with a new one.
- If you are not going to use the unit for a long time, take out the batteries.
  (The liquid from the battery may cause trouble.)
- The wireless controller does not work if the batteries are inserted in incorrect directions.
  (Make sure that the batteries are not used and inserted in the correct directions.)
- The batteries supplied with the unit are for trial.
  (The batteries may go dead soon if they have been stored for a long time.)

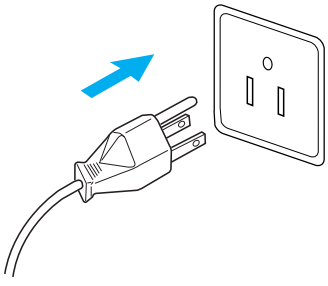
※ If the wireless controller stops working or powers down, please replace the battery with a new one.

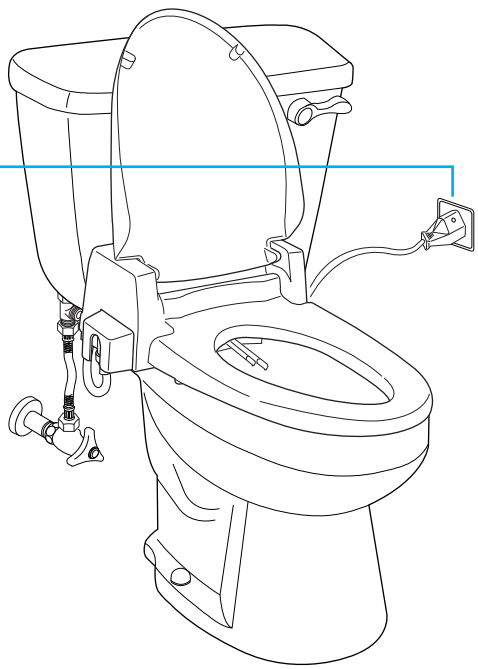


2. Connect the power plug to the outlet.

1. Place the 120V (over 10A) outlet at least 19.7inch (50cm) from the floor, and connect the power plug to the outlet.

2. Never connect the power plug until you finish installation. That might cause a failure of the product.

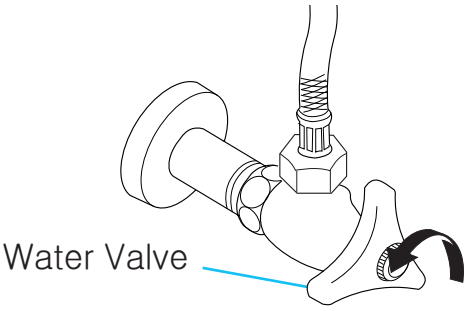




Check

3. Check if the water valve is open.

Turn the water valve on supply water to the water tank and the product.

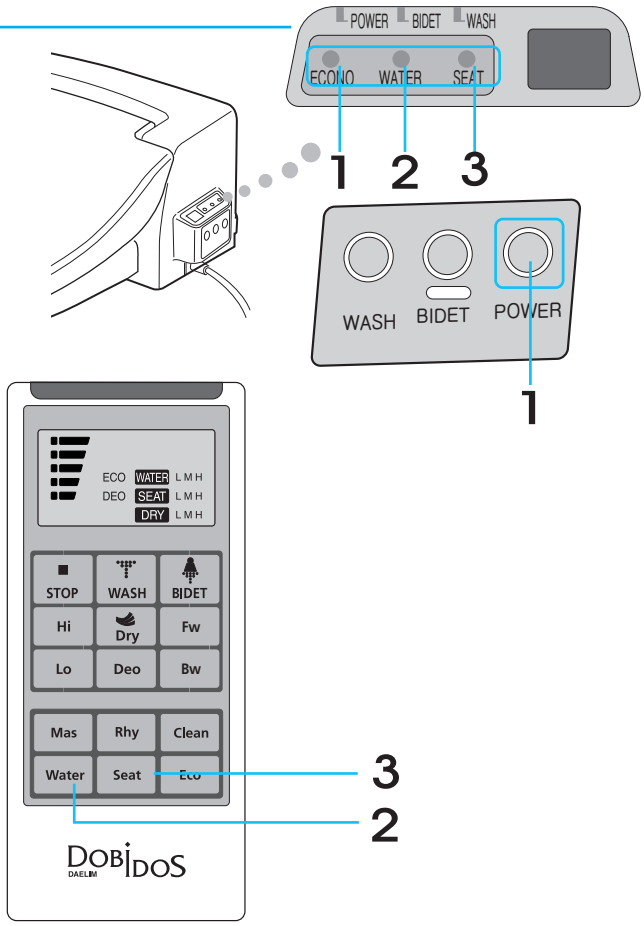


4. Check the main unit display

1. Check if ECONO lamp is lit green.
   ▶If it is off, press the POWER button on the main unit controller.

2. Check if the WATER TEMP lamp is lit green.
   ▶If it is off, press the WATER TEMP button on the wireless controller to set the water temperature.

3. Check if the SEAT lamp is lit green.
   ▶If it is off, press the SEAT button on the wireless controller to set the seat temperature.



Warning

Plug it to an outlet that is connected to a ground line.

※In case of a breakdown or power leakage, there could be an electric shock.

※Please contact an electronic shop if the outlet does not have a ground line.

(☞ page4)

Caution

Use only AC120V.

※If not, this may cause an electric shock or a fire.

5 Installation

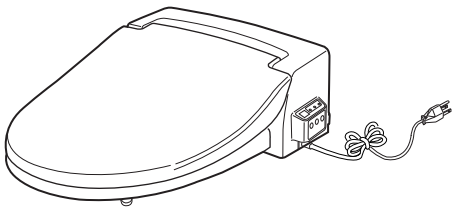
Please make sure you read the instructions carefully and install it properly.

Precautions

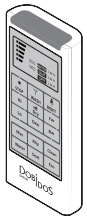
1. The AC voltage is 120V (60Hz) and the consumption of electricity rate is 560W. Connect this product only to power sources specified in the instructions.
2. The length of the power cord is 47in (1.2m). The outlet should be near where the product can be installed and dismantled.
3. The water pressure limit is from 10 to 106.7 PSI (0.7 to 7.5 kgf/cm²). Please use as instructed.
4. The temperature of the water is from 37.4 °F~96 °F (3~35℃). Please use as instructed.
5. The length of the coupling pipe is 23.6in (0.6m). The water shutoff valve should be near where the product can be installed and dismantled.
6. Connect the AC power cord and supply the water only after the unit is installed.

Components

1. Dobidos

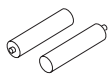


2. Wireless Controller Components



Wireless Controller

Wireless Controller Hanger



Battery (AA Size, 2EA)

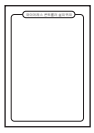
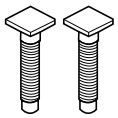
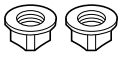


Illustration of Wireless Controller installion position

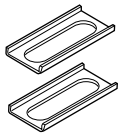
3. Fixing Components



Fixing Bolts (2)



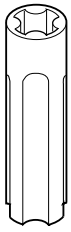
Fixing Nuts (2)



Sliding Plates (2)

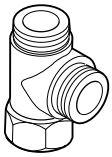
Hemispherical Packing (2)

4. Installation Tool



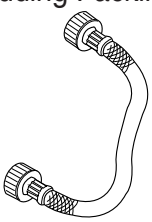
Spanner

5. T-Shaped Connector

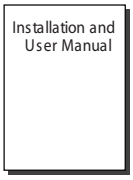


Packing (1)

6. Water Hose (Including Packing)



7. Installation and User Manual (Including Warranty)

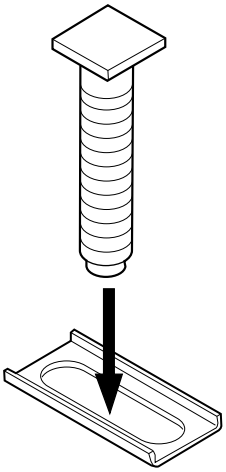


Procedure of Product Installation

Preparation before Installation

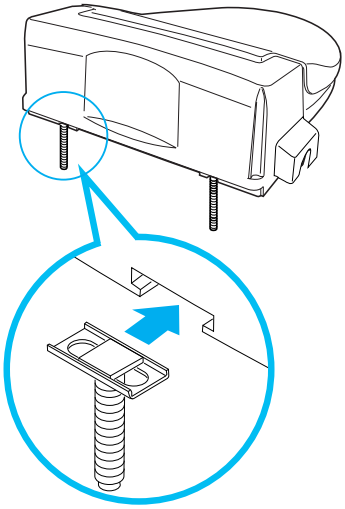
1. Insert the fixing bolt into the sliding plate.

Insert the fixing bolt in the direction as shown in the figure into the hole in sliding plate.



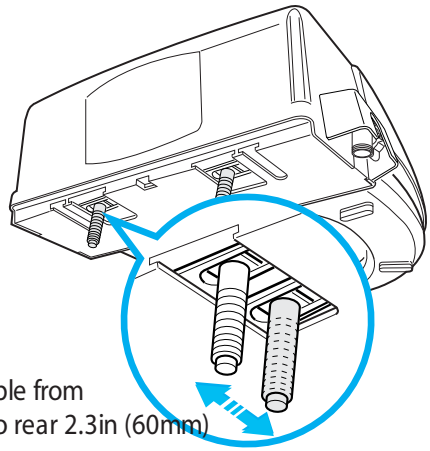
2. Insert the coupled plate into the product.

Insert the coupled fixing bolt and the sliding plate into the lower part of the product as shown in the figure below.



3. Move fixing bolts from front to rear

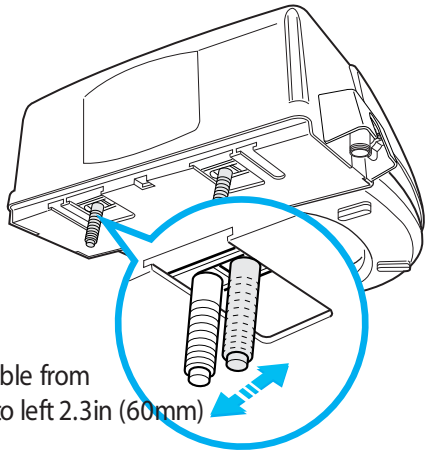
It is easy to install the product because the fixing bolt can be moved from front to rear 2.3in (60mm).



Movable from front to rear 2.3in (60mm)

4. Move fixing bolts from left to right.

It can be installed to even special and foreign bowl of which the installation range of fixing bolt is 5.5~7.8in (140 ~ 200mm), 10.4in(255mm).



Movable from right to left 2.3in (60mm)

Water splash prohibited

Do not install the unit in a damp place. (This may cause fire or electric shock.)

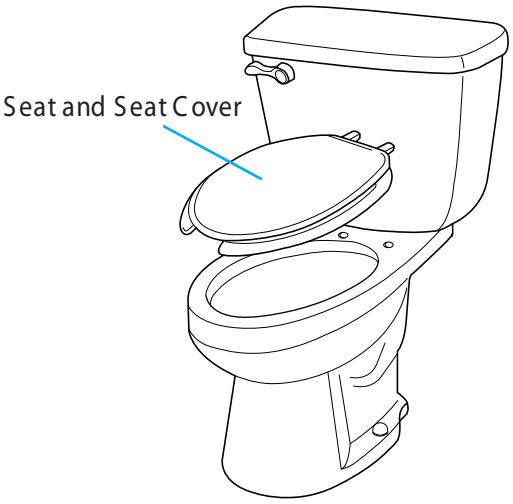
Grounding

Use the electric outlet with the ground. (Failure to ground may cause a failure of the unit or electric shock.)

Installation Procedure

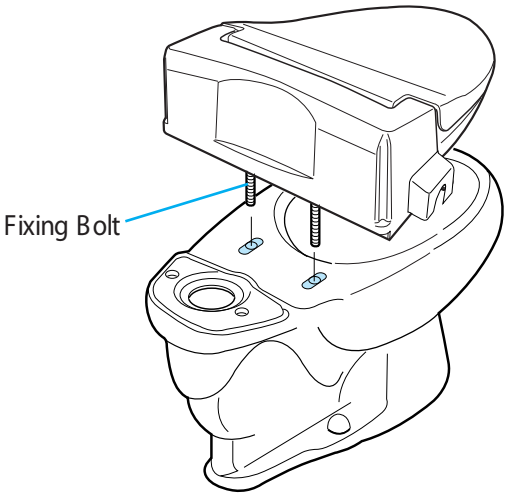
1. Remove the existing seat and seat cover.

Unfasten the two nuts that are holding the seat and seat cover to remove them.



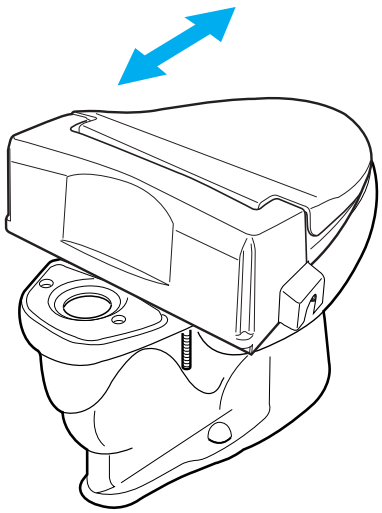
2. Product placement

After inserting the fixing bolts in the product, adjust the left and right width of the bolt and insert it in the holes for installation.



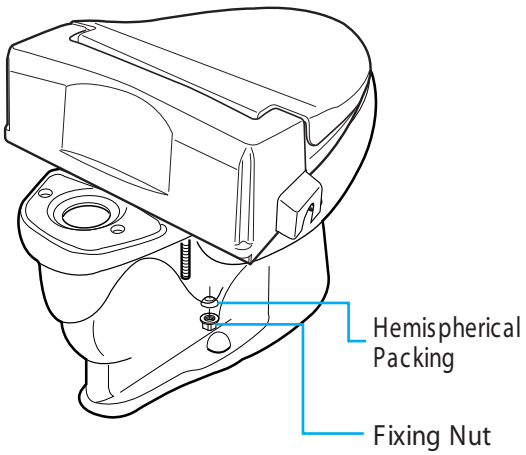
3. Installation place adjustment

Place the product on the toilet bowl and move it back and forth so that the front part of the seat extends beyond the front end of the toilet.



4. Fastening the product

After adjusting the product in the proper place, fasten it not to be tilted and moved.



Prohibition

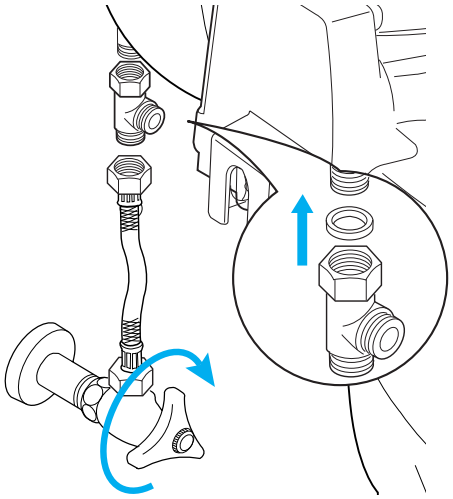
Do not lift the product with the seat cover and seat open. (This may cause a mechanical trouble)

Prohibition

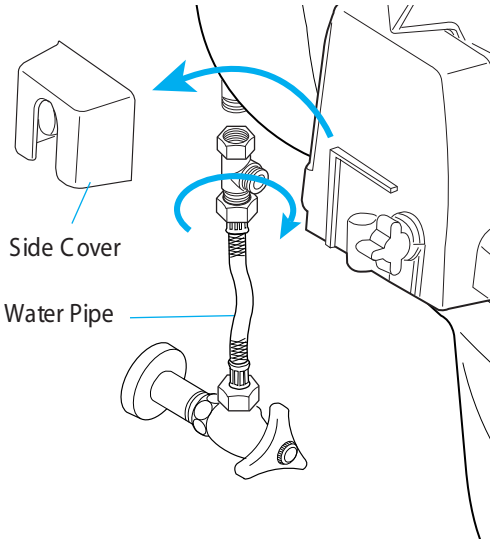
If there is a cut in the power cord, power plug or the outlet is loose, do not use the product. (This may cause an electric shock or a fire.)

Connecting water hose

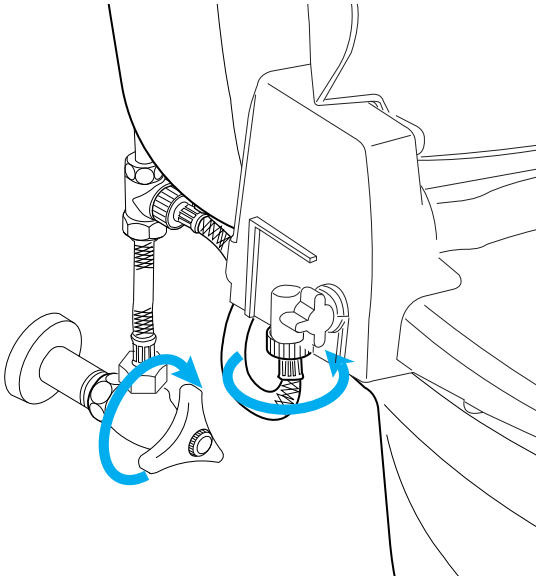
1. Close the water valve and detatch water pipe from the water tank.
   Connect the t-shaped connector to the water tank.
   Make sure that rubber packing is inserted in between.



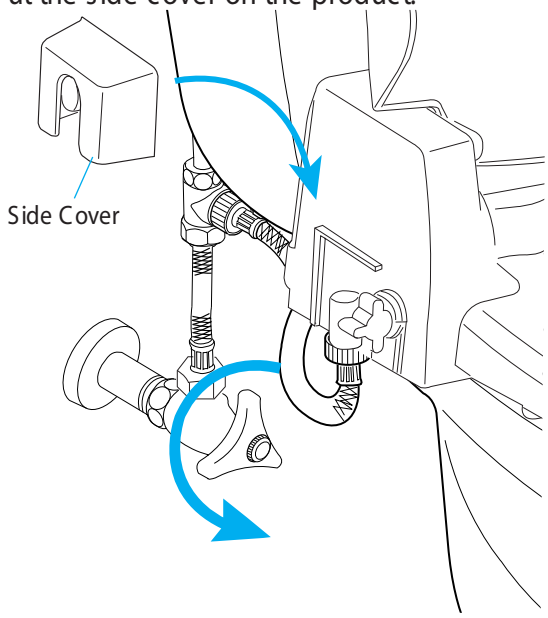
2. Detach the side cover from the product.
   Connect the t-shaped connector linked to the water tank and the existing water pipe.
   Do not forget to insert packing.



3. Connect the t-shaped connector and the water valve with the water pipe.



4. Open the water valve to check if there is any leakage.
   Put the side cover on the product.



Prohibition

Do not bend or pull the water hose.
(This may cause water leakage.)

Prohibition

Do not have hot water running through the hose and do not use the heater for anti-freezing.
(This may cause water leakage.)

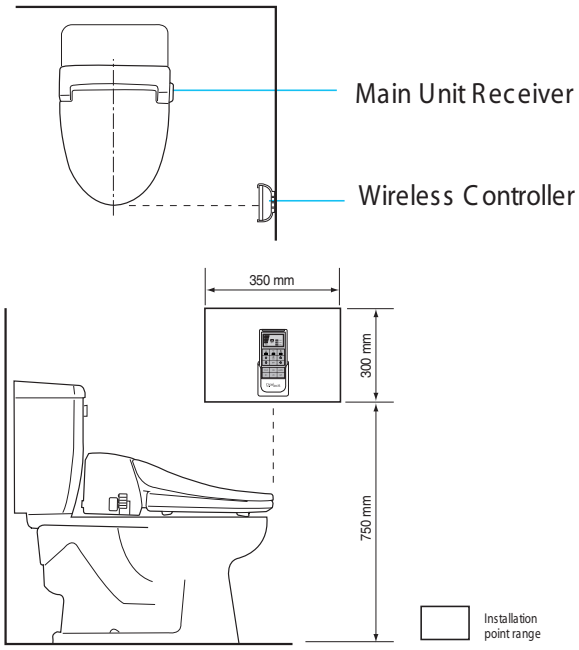
Installing the Wireless Controller

- Select the installation point for easy operation, and remove dust or moisture completely from the wall before installing the wireless controller.
- Install the wireless controller in a desired place using two methods.

General Installation Point of the Wireless Controller

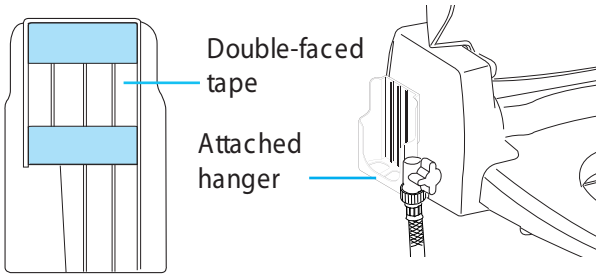
1. Install the wireless controller on a point of the nearest wall on the right to the main unit receiver, if possible.

2. Before installing the wireless controller, press the ECONO button in the place where the wireless controller will be installed to check if the unit operates normally without any problem.
   Then, remove release paper of the both side adhesive tape attached to the hanger and fix the wireless controller.
   If the wireless controller does not normally operate, try to test the wireless operation from other points within the installation zone illustrated below or from the points on the opposite wall.

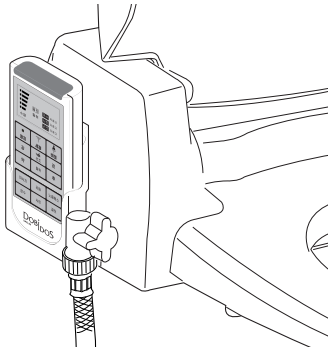


The place to install Dobidos

1. To install the wireless controller on the left part of the main unit.
   Remove the film from the double-faced tape attached to the back hanger of the wireless controller and put the controller to the left of the main unit.



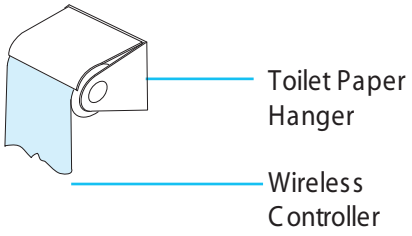
2. Before attaching the wireless controller to the left part of the Dobidos product, press the power button to see if the Bidet works normally.
   Then, install the product and the hanger of the wireless controller as seen in the figure.
   (The Bidet may not work depending on the condition of an actual installation site.)



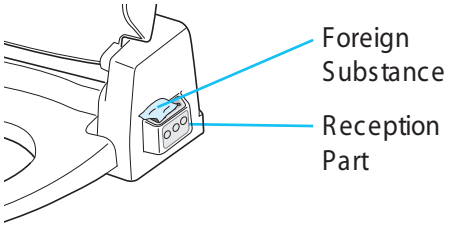
Precautions in Operating the Wireless Controller

1. The wireless controller may not operate if the wall is rather far from the main unit.

2. The wireless controller may not operate if the transmission window of the controller is covered with toilet paper or other material.



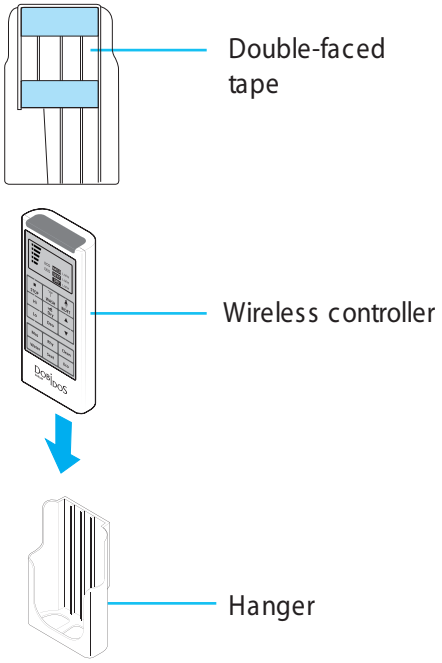
3. The wireless controller may not operate if the reception part of the main unit is covered with foreign substance.



Installing the wireless controller

1. Using a both-faced tape

- Remove the film from the double-faced tape attached to the hanger.
- Attach the taped part to the wall or the Dobidos product to fix it.
- From the upper part of the hanger, pull down the wireless controller to insert it into the hanger.



⚠ CAUTION

Moving the position of the wireless controller hanger repetitively might decrease adhesive force.

Prohibited

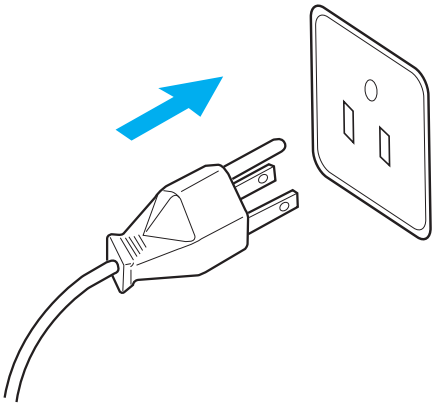
Do not spray water on the wireless controller.
- This may cause failure or malfunction of the unit.

Please be careful not to drop the wireless controller while using it.
- Dropping the wireless controller may cause failure or damage.

Test Operation and Confirmation

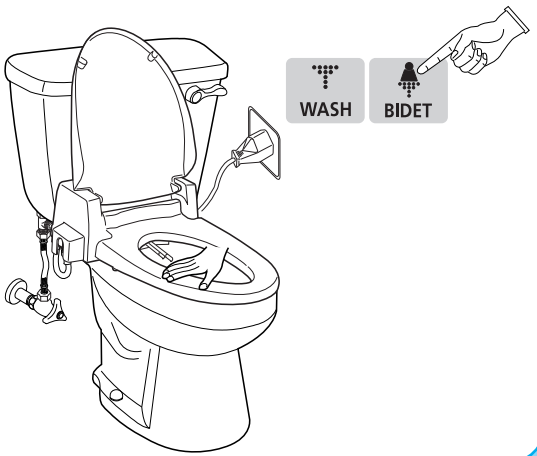
After installation, test the unit as below.

1. Checking the voltage
   - Insert the plug in a 120V receptacle.
   - The ECONO lamp on the main unit blinks in red.



2. Filling up the water tank in the unit
   - Press the WASH button on the wireless controller to supply water to the water tank.
     When the water tank is filled up with water, water stops supplying with a "beep", and ECONO lamp is on in green.

3. Checking WASH/BIDET
   - Press the WASH or BIDET button on the wireless controller to check if cleaning water comes out, while pressing the seat switch as shown in the figure.



4. Checking DRY funtion
   - Press the DRY button and check if warm air comes out,while pressing the seat switch as shown in the figure.

Prohibited

Use AC 120V only.
(Using incorrect power supply may cause fire or electric shock.)

Prohibited

Use high quality water supply or drinkable underground water only, and do not use well water or industrial water or mid quality water supply.
(This may cause dermatitis.)

6 Operation

(Check the followings before use.)

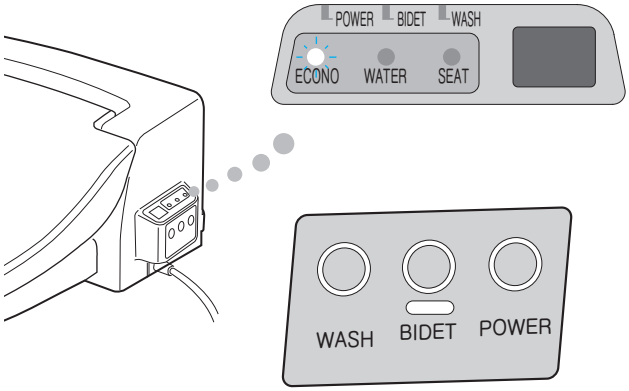
Please note the following for a more pleasurable product experience.

POWER (On/Off of the POWER switch)

Press the POWER button on the main unit controller.

If you press the power button to ON, the ECONO lamp on the main unit will be lit green. If you press the power button again to OFF the ECONO lamp will be turned OFF.

※ If you insert the plug in the outlet, the ECONO lamp will be automatically lit.



WATER TEMP (How to warm up water)

Adjust water temperature with the WATER TEMP button.

Water temperature can be adjusted in four steps (「Low」, 「Mid」, 「High」, 「Normal」).

- WATER TEMP lamp indication in the main unit display:
  「Low」 - Green
  「Mid」 - Yellow
  「High」 - Red
  「Normal」 - Lamp Off

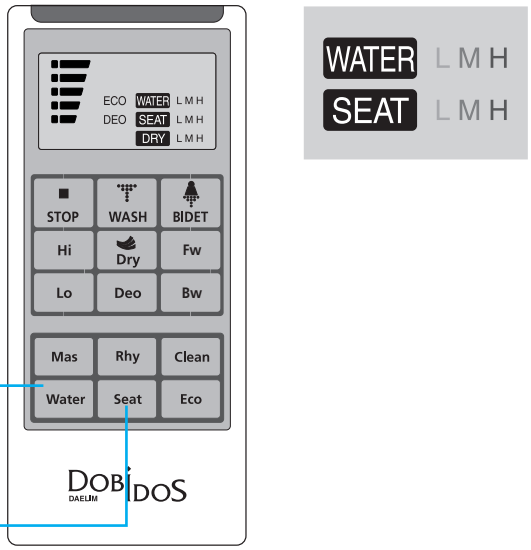
SEAT TEMP (How to warm up seat)

Adjust water temperature with the SEAT TEMP button.

Seat temperature can be adjusted in four steps (「Low」, 「Mid」, 「High」, 「Normal」).

- SEAT TEMP lamp indication in the main unit display:
  「Low」 - Green
  「Mid」 - Yellow
  「High」 - Red
  「Normal」 - Lamp Off

※ It takes time to heat up the seat. Set the seat temperature 10~15 minutes before use.



⚠ Warning

Make sure to set the seat temperature to 「LOW」 or 「NORMAL」 if the following people also use this bidet.

- Children, elderly, patients or others who cannot adjust the temperature by themselves. Those who have dull sense of heat, who took medicine that causes drowsiness, who overdrank themselves, or who are very tired.

※ Using the unit for a long time may cause low temperature burn.

(It is easy to operate the wireless controller.)

WASH Function

1. Press the WASH button.

The nozzle spouts water for personal area cleaning.

※ The Wash operation can be adjusted in five levels.

BIDET Function

1. Press the BIDET button.

The nozzle spouts water for feminine hygiene.

※ The Bidet operation can be adjusted in five levels.

2. Press the STOP button to stop.

※ WASH and BIDET operation automatically stops in 1 minutes after it is turned on even if user does not press stop button.

MASSAGE Function

1. Press the MASSAGE button.

The nozzle moves back and forth to clean wider area during cleansing.

2. Press the MASSAGE button again to stop.

RHYTHM Function

1. Press the RHYTHM button.

You can adjust water pressure during WASH or BIDET to improve blood circulation.

2. Every time you press the RHYTHM button, the RHYTHM action changes.

The RHYTHM action is repeated as in
Rhythm Stop → Rhythm → Rhythm Stop

Nozzle Position (How to adjust the nozzle)

1. Press「FORWARD」or 「BACKWARD」.

You can move the wash or bidet nozzle 「forward」or「backward」, While you are washing

※ Nozzle position can be adjusted in 6 steps.

DRY Function

1. Press the DRY button.

- Warm air comes out to dry the wet area
- The Dry button changes the temperature whenever it is pushed.

※ The temperature of warm dry can be adjusted Low->Middle->High->Normal .

2. Press the STOP button to stop.

※ The drying feature automatically stops in 3 minutes automatically it is turned on.

Note

Wiping the water with toilet paper will help you to dry faster before you press the DRY button.

⚠ Caution

Set the DRY button Low for the elderly, patients and those who cannot adjust the temperature by themselves or who have dull sense of heat.

※Drying in high temperature may cause burn.

DEODORIZING Function

1. If you enable the deodorize before sitting, the unit starts deodorization.

※ If the product is equipped with the deodorizer.

2. If you press WASH, BIDET or DRY, deodorizing stops automatically.
If you stop WASH, BIDET or DRY, deodorizing starts automatically.

3. If you stand up from the seat, the Bidet will stop working automatically.

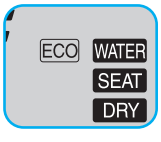
■ If you press the Deodorizing「OFF」, the feature does not start when you sit on the seat.

How to use

The Deodorizing button toggles「ON」and「OFF」whenever pressed.

■ON

■OFF



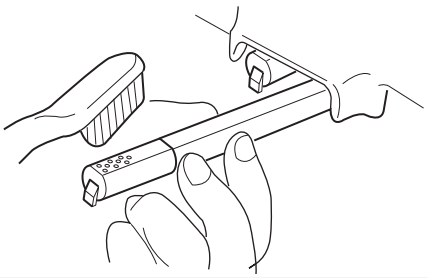
Nozzle Cleaning

This function is enabled when no user is detected by the seat sensor.

1. Press the Nozzle cleaning button.

The nozzle moves forward as water comes out for 3 seconds from the nozzle.

2. Brush the nozzle.



3. After brushing the nozzle, press the Nozzle cleaning button again.

The nozzle moves back as water comes out for 3 seconds from the nozzle.

⚠ Caution

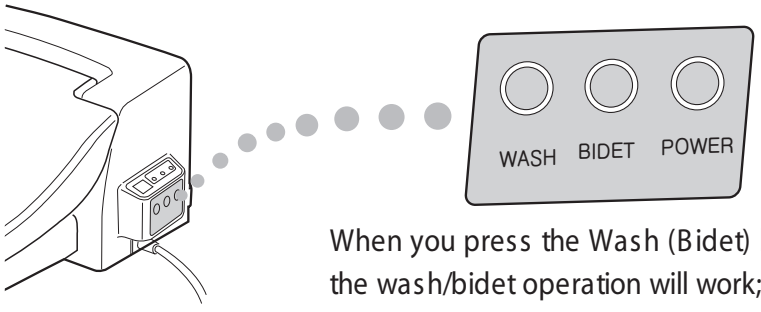
Do not pull or bend the nozzle by force.

※ This may cause failure.

Using the main unit controller

Use the controller if the remote controller is faulty or in emergency case.

- Press the Wash (Or Bidet) button from the main unit controller for cleaning operation.



When you press the Wash (Bidet) button, the wash/bidet operation will work; pressing the button twice, the operation will stop.

ECONO

Press the ECONO button to adjust the temperature of the seat, water and air; to prevent low temperature burn; and to save power.

1. Press the ECONO button

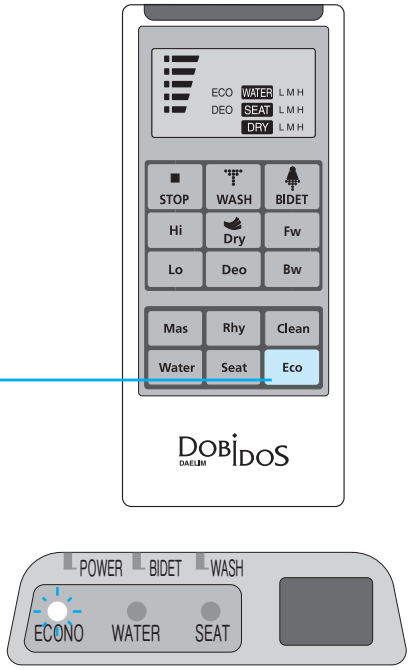
The button enables Save Power - Low temperature burn protection - Released by turns.

ECONO -> ECONO Clear -> ECONO

ECO ECO

※ ECONO lamp indication in the main unit display

- Save Power - Red
- Low temperature burn protection - Yellow
- ECONO OFF - Green



2. Adjust the seat, water and air temperature of the product in ECONO/Burn Protection mode.

● In ECONO mode

- Return the seat and water temperature as your current settings before use.
- Keep the seat and water temperature Low regardless of the current settings when you do not use the product.

● In Burn Protection mode

- When the seat sensor detects a user

The water temperature maintains your current setting.
The seat temperature is maintained as room temperature. (Seat Heater OFF)
Steps, in the order of Normal -> Low -> Middle, to adjust drying temperature are available

- When the seat sensor does not detect a user

The water and seat temperature are maintained in LOW.

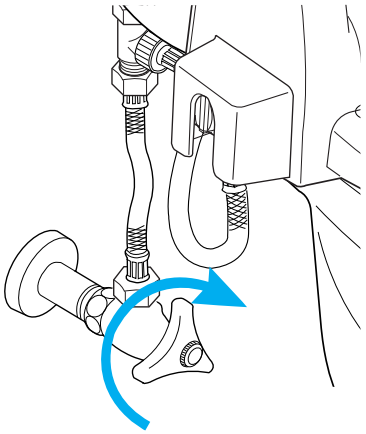
7 If the product is Unused for a Long Time

Water must be drained out in the following cases.

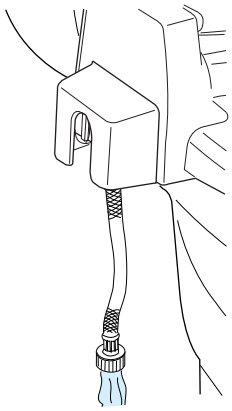
- If the product is unused for a long time. (Stained water may block the nozzle.)
- When the unit is installed in a country house. (Low temperature may freeze the unit.)

How to drain water and cut off power

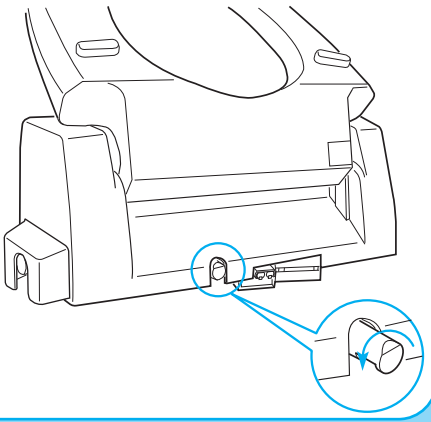
1. Close the water valve to stop water supply to the tank.



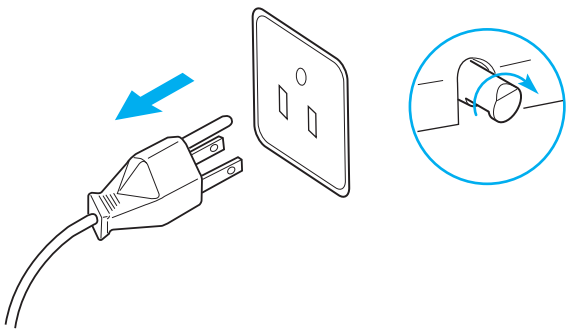
2. Detach the water hose from the T-shaped connector to remove water from the hose.



3. Pull and turn the drain plug counterclockwise to drain water from the tank.



4. Replace the drain plug and pull out the power plug.



5. To use the unit again, trial operating and confirmation.
(See pages 13, 14 and 21)

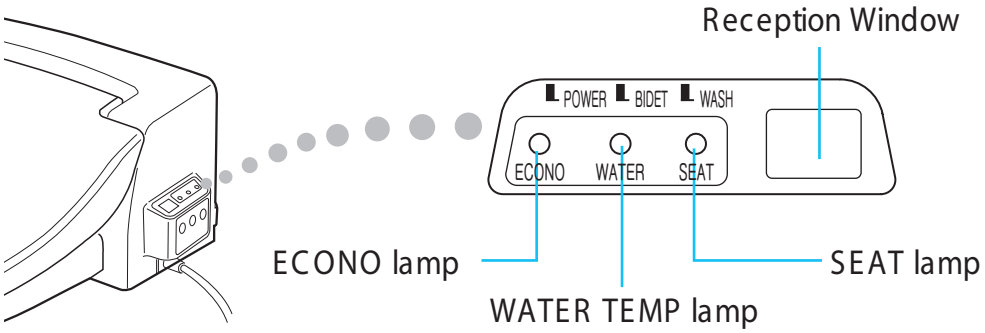
Caution

Make sure to close the water valve when you remove water from the tank through the drain plug.
Make sure to replace the drain plug after removing water.
※Failure to replace the drain plug may cause leakage of water.

8 Self Diagnosis and Trouble shooting

Before requesting repair service, check the followings.

Self Diagnosis Display



Trouble shooting

Display	Cause	Solution
ECONO lamp blinks in red	No water in the water tank	Press the CLEANING button to supply water
ECONO lamp blinks in yellow	No water is supplied for initial water fill-up	Check the water valve
ECONO lamp blinks in green	Error in power supply	Contact the A/S center
WATER TEMP lamp blinks in red	Water is overheated	Contact the A/S center
WATER TEMP lamp blinks in yellow	Water tank is frozen	Contact the A/S center
WATER TEMP lamp blinks in green	Error in water temperature sensor	Contact the A/S center
SEAT lamp blinks in red	Seat is overheated	Contact the A/S center
SEAT lamp blinks in green	Error in seat temperature sensor	Contact the A/S center

Warning

Do not disassemble, repair or remodel the unit.

※This may cause electric shock, fire or malfunction.

Disassembling Prohibited

9 Specifications

Classification			Description
Model No.			DB-2100
Rated Voltage			AC 120V/60Hz
Rated Power Consumption			Maximum 560W
Power Cord			47in (1.2m)
WarmWater Cleaning	Water Flow	WASH	0.31gal/min (1200cc/min)
		BIDET	0.34gal/min(1300cc/min)
	Temperature Control		Normal temperature , Low~High:86~104°F(30~40℃), 5 steps
	Warm Water Heater		500W
	Safety Protection		Thermal sensor, Float switch, Thermostat, Thermal fuse
	Backflow Prevention		Check valve, vacuum breaker
Warm Air Drying	Warm air Temperature		Normal temperature
	Air Capability		0.5 ㎥/min
	Warm air Drying		300W
	Safety Protection		Thermal fuse
Deodorize	Type		Catalyzer
	Air Capability		10 CFM
Earth Leakage Breaker(in circuit)			Sensitivity:leakage Current 15mA, Activetime:0.03 s
Water Supply			Direct from water pipes
Tap Water Pressure			10~106 PSI(0.7~7.5㎏f/㎠)
Temperature Supply			37.4°F~96°F(3~35℃)
Dimensions			18x20.7x6.5 in(457 × 525 × 165mm)
Weight			12.5lb (5.7㎏)
Miscellaneous			· Seat Sensor · Soft opening/closing of seat and cover · Nozzle adjustment, massage and rhythm functions · Antibiotics used in the nozzle · Low temperature burn protection · Nozzle cleaning switch · Auto cleaning of nozzle · Power saving

■ This product is subject to change, due to the construction environment and technical supplementation.
■ Available water pressure is 10~106PSI (0.7 ~ 7.5Kgf/cm²). However, water pressure on the nozzle may be weakened in 10~19.9 PSI (0.7 ~1.4Kgf/cm²) of the water pressure.

Warranty

We offer you free repairs based on the information on this Warranty.
If failure or damage occurs during the warranty period upon the date of purchase, contact the retailer or local dealer with proof of purchase.

Customer	Name
	Address
Retailer	Name
	Tel No.
Date of Purchase	(Mon), (Date), (Year)

Model Name	DB-2100
Warranty Period	1 Year from the date of purchase

★ **To our consumers:**

Please make sure that the date of purchase, the name of the retail shop, and the seller is recorded on this warranty when receiving this product.
This warranty cannot be reissued. Keep it in a proper place.

<Regulations for free repairs>

1. If failure or damage occurs on the conditions of normal use followed by the installation and user manual, sticker attached on the product, and attention notes, free repairs will be done.
2. If failure or damage occurs during the warranty period, contact the retail shop or Daelim Trading's after-sales service center. In this case, please show this warranty.
3. If a move have been made or this product has been given as a present and the above record is not filled out, request Daelim Trading's after-sales service center.
4. Repair is made on a chargeable basis in the following cases even within the warranty period.
   - Failure or damage due to user's irresponsibility, improper repairs and remodeling of the product.
   - Failure or damage due to removal of the product after installation.
   - Failure or damage due to natural disasters such as fire, earthquake, flood damage and lightning or by environmental pollution, gas and abnormal voltage.
   - If not used for household (Such as use for business affairs, vehicles, or ships)
   - Failure or damage due to sand, junk or expendable supplies such as packing.
   - If this warranty is not presented.
   - If the name of customer, name of retail shop and date of purchase is not recorded, or if alteration on this warranty is found.
5. As this warranty cannot be reissued, keep it well. We provide you with free repair service based on the information on this warranty.
   For other inquiries such as the repair after the warranty period, contact the retail shop where you purchased this product.

DAELIM Trading Co., Ltd.

To request after service:

1. Please recheck the user's manual.
2. If failure or damage occurs after consulting the manual, stop using the product and contact the retailer or local dealer.

DAELIM TRADING CO., LTD
www.dobidos.co.kr

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